

## ECS Configuration Change Request

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CCR No. <b>98-0034</b>	Logged Date <b>1/9/98</b>	Rev. <b>-</b>	Request Type <b>CCR</b>
Priority Routine <input checked="" type="checkbox"/> Urgent <input type="checkbox"/> Emergency <input type="checkbox"/>	Affected Release <b>2.0</b>	Change Class <b>II</b>	
Title <b>Baseline SGI RAID Controller Microcode (Flare Code)</b>			
Documents Affected <b>910-TDA-003</b>	Source Nos (RID, NCR, Action Item, GSFC CCR, etc.) or Tech Reference <b>N/A</b>		
RTM Change <input type="checkbox"/> Start New Baseline <input checked="" type="checkbox"/>			
<b>Problem</b> Currently all SGI RAID controllers on the ECS project are not at a common microcode level. Some SGI RAID controllers are at level 9.03 which only support 4 GB drives. This becomes an issue when 9 GB drives are installed. Most SGI RAID controllers are at level 9.06 which does support 9 GB drives but has 32 reported bugs. RAID controllers purchased in late 1997 are at level 9.53 which has 17 reported bugs. However, 9.53 is only on a few machines.			
<b>Proposed Solution</b> SGI is providing microcode level 9.55 for the SGI RAID controllers. Microcode level <del>9.55</del> has only 2 reported bugs. <i>9.55.01 with "zero" bugs</i> Baseline the SGI RAID controllers on the ECS Project to microcode level 9.55 and bring all SGI RAID controllers to this baseline level. <i>Need DATE: 3/13/98</i>			
<b>Impact Analysis:</b> Organizations Affected: BOO <input type="checkbox"/> Contracts <input type="checkbox"/> ECS Chief Eng <input type="checkbox"/> FOS <input type="checkbox"/> M&O <input type="checkbox"/> Procurement <input type="checkbox"/> QO <input type="checkbox"/> Rel. Dev <input type="checkbox"/> Rel. A <input type="checkbox"/> Rel. C <input type="checkbox"/> SCDO Arch. <input type="checkbox"/> Science Off <input type="checkbox"/> Security <input type="checkbox"/> Subcontract <input type="checkbox"/> Sys. Eng <input checked="" type="checkbox"/> Sys Verf Acpt <input type="checkbox"/>			
Cost: None <input checked="" type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large <input type="checkbox"/> (Not exceeding \$100,000) (\$100,000 to \$500,000) (Over \$500,000)			
Schedule: None <input checked="" type="checkbox"/> Other _____			
Additional LOC _____		Man-Months _____	
Materials _____			
Originator <u>M. Alabastro</u>	Mark Alabastro <i>[Signature]</i>	7 Jan 1998	
Office <u>SED/HWE</u> Office Manager <u>Randy Miller</u>		1/8/98	
Signature _____		Date _____	
<b>Disposition</b> Approved <input checked="" type="checkbox"/> Approved w/Comment <input type="checkbox"/> Forward <input type="checkbox"/> Disapproved <input type="checkbox"/>			
Comments:  CCB Chairperson <i>[Signature]</i> 2/23/98			
Signature _____		Date _____	

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